

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S150	5927	(silane or "SiH.sub.4") same (dichlorosilane or "SiCL.sub.2H.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/12 16:28
S151	212578	(phosphine or phosphorous or "PH.sub.3")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/12 16:28
S152	3080555	(nitrogen or "N.sub.2" or hydrogen or "H.sub.2" or argon or Ar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/12 16:29
S153	122875	(Si or silicon) same (epi or epitaxial\$4 or growth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/12 16:30
S154	620	S150 and S151 and S152 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/12 16:31
S155	526	S154 and ((@ad<"20050922") or (@rlad<"20050922"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/12 16:32
S156	4	((("5378651") or ("6251188")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/12 16:42
S157	2	("20030003646").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/12 16:45
S158	2	("6952049").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/24 09:41

S159	2	("6844570").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/24 09:56
S160	6094	(silane or "SIH.sub.4") same (dichlorosilane or "SICL.sub.2H. sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/24 15:27
S161	28176	(inert or helium or He or Argon or Ar or neon or Ne or krypton or Kr or radon or Rn or xenon or Xe) near8 (carrier near gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/24 15:33
S162	754	S160 and S161	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/24 15:33
S163	68	("20010020712"   "20010024871"   "20010045604"   "20010046567"   "20010055672"   "20020090818"   "20020093042"   "20020142557"   "20020145168"   "20020168868"   "20020173113"   "20020173130"   "20020174827"   "20020197831"   "20030022528"   "20030036268"   "20030082300"   "20030189208"   "20040033674"   "20040226911"   "20040235229"   "20040253776"   "20050045905"   "20050079691"   "20050079692"   "20050170604"   "20060234488"   "4834831"   "5112439"   "5273930"   "5294286"   "5372860"   "5374570"   "5469806"   "5480818"   "5527733"   "5674304"   "5693139"   "5796116"   "5807792"   "5846867"   "5906680"   "6025627"   "6042654"   "6064081"   "6159852"	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/24 17:55

		"6232196"   "6235568"   "6284686"   "6291319"   "6335280"   "6348420"   "6352945"   "6358829"   "6383955"   "6410463"   "6451119"   "6458718"   "6489241"   "6492711"   "6544900"   "6559520"   "6562720"   "6797558"   "6821825"   "6998305"   "7132338"   "7166528").PN. OR ("7439142").URPN.				
S164	416	(silane or "SiH.sub.4") and (dichlorosilane or "SiCl.sub.2H. sub.2") and (phosphine or "PH. sub.3") and (inert or helium or He or Argon or Ar or neon or Ne or krypton or Kr or radon or Rn or xenon or Xe) and (carrier near gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/24 18:06
S165	416	(silane or "SiH.sub.4") and (dichlorosilane or "SiCl.sub.2H. sub.2") and (phosphine or "PH. sub.3") and (inert or helium or He or Argon or Ar or neon or Ne or krypton or Kr or radon or Rn or xenon or Xe) and (carrier near gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 11:18
S166	243	S165 and (epitax\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 11:18
S167	408637	(silane or "SiH.sub.4" or (free near4 chlorine)) (dichlorosilane or "SiCl.sub.2H.sub.2" or chlorosilane\$4 or DCS or "SiH. sub.2Cl.sub.2") same (mixture or both or combine or combined or combination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 11:50
S168	1320	S167 and (phosphine or "PH. sub.3") and ((inert or helium or He or Argon or Ar or neon or Ne or krypton or Kr or radon or Rn or xenon or Xe) near8 (carrier near gas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 11:51
S169	1036	S168 and ((@ad<"20040325") or (@riad<"20040325"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 11:52
S170	443	S169 and (doped near8 silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 11:53

S171	183	S170 and (epitaxy or epitaxial \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 11:53
S172	61	("20020098627"   "4363828"   "4495218"   "4585671"   "4684542"   "5214002"   "5227329"   "5356821"   "5389398"   "5389570"   "5453858"   "5471330"   "5607724"   "5614257"   "5648293"   "5656531"   "5695819"   "5698771"   "5700520"   "5786027"   "5789030"   "5837580"   "5874129"   "5876797"   "5885869"   "6027705"   "6083810"   "6103600"   "6159828"   "6171662"   "6197669"   "6197694"   "6228181"   "6326311"   "6455892"   "6613695").PN. OR ("6821825").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/25 13:28
S173	131	Meunier-Beillard.in. or Caymax. in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:39
S174	15360	Koninklijke.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:40
S175	15485	S173 or S174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:40
S176	19636	(Si or silicon) near8 (n-type or (n near type)) near8 doped	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:40
S177	2037	(phosphine or "PH.sub.3") and (inert or helium or He or Argon or Ar or neon or Ne or krypton or Kr or radon or Rn or xenon or Xe) near8 (carrier near gas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:43
S178	2	S175 and S176 and S177	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:43

S179	1103	(438/478).CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/28 10:49
S180	130	S179 and ((inert or helium or He or Argon or Ar or neon or Ne or krypton or Kr or radon or Rn or xenon or Xe or nitrogen or "N. sub.2") near8 (carrier near gas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:51
S181	2	("6342404").PN. OR ("7163876").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 11:30
S182	27	("3371997"   "4013420"   "4084024"   "4154870"   "4241022"   "4292344"   "4314525"   "4327069").PN. OR ("4642227").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 11:32
S183	496	(438/481).CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/28 11:32
S184	62	S183 and ((inert or helium or He or Argon or Ar or neon or Ne or krypton or Kr or radon or Rn or xenon or Xe or nitrogen or "N. sub.2") near8 (carrier near gas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 11:33
S185	53	S184 not S180	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 11:33
S186	719	(257/E21.102).CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/28 11:37
S187	106	S186 and ((inert or helium or He or Argon or Ar or neon or Ne or krypton or Kr or radon or Rn or xenon or Xe or nitrogen or "N. sub.2") near8 (carrier near gas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 11:37
S188	6	("5766342"   "6268299"   "6284583"   "6333547").PN. OR ("6884464").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 11:44
S189	197	(257/E21.106).CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/28 12:02

S190	10	("4885614"   "5523592"   "5906708"   "6399970"   "6403975"   "6403976"   "6537369").PN. OR ("6660393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 13:28
S191	1	((Si or silicon) near8 (dop\$4 or implant\$4 or (in near situ))) and ((inert or helium or He or Argon or Ar or neon or Ne or krypton or Kr or radon or Rn or xenon or Xe) near8 (carrier near gas)) and (silane or "SiH.sub.4") and (dichlorosilane or "SiCL.sub.2H.sub.2") and (n-type or (n near type)).clm.	US-PGPUB; USPAT	OR	ON	2009/07/28 13:34

7/ 28/ 2009 1:36:23 PM

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